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(WO/2005/059425) PIPE CONNECTION STRUCTURE

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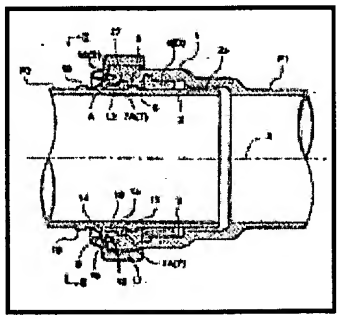
Title: PIPE CONNECTION STRUCTURE

Abstract: A pipe connection structure provided with an elastic sealing material (4) for hermetically sealing between the inner circumferential surface of a receiving pipe section (1) and the outer circumferential surface of an insertion pipe section (2) inserted from the pipe axis (X) direction into the receiving pipe section. Further, on the receiving opening side of the inner circumferential surface of the receiving pipe section (1) is provided a lock member (7) for blocking separation and movement of both pipe sections by coming in contact, in the pipe axis direction, with an engaging protrusion (5) formed on the outer circumferential surface of the insertion pipe section (2). The pipe connection structure is further provided with attachment/detachment operation means (A) for attaching and detaching the lock member (7) to and from the receiving pipe section (1). The attachment and detachment is made by pivoting operation of the lock member (7) about the pipe axis (X) relative to the receiving pipe section (1) and by movement operation of the lock member (7) in the pipe axis (X) direction at a specific position in the path of the pivoting operation.



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